

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

Declaration and Power of Attorney

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled SILICA STRUCTURE CRACK MONITORING, the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

I acknowledge the duty to disclose all information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

None

I hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

None

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorney(s) with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith:

Kenneth M. Brown	(Reg. No. 37590)
Donald P. Dinella	(Reg. No. 39961)
Martin I. Finston	(Reg. No. 31613)
Barry H. Freedman	(Reg. No. 26166)
Julio A. Garceran	(Reg. No. 37138)
Jimmy Goo	(Reg. No. 36528)
Stephen M. Gurey	(Reg. No. 27336)
John M. Harman	(Reg. No. 38173)
Matthew J. Hodulik	(Reg. No. 36164)
Michael B. Johannesen	(Reg. No. 35557)
Irena Lager	(Reg. No. 39260)
Reitseng Lin	(Reg. No. 42804)
John B. MacIntyre	(Reg. No. 41170)
Christopher N. Malvone	(Reg. No. 34866)
Michael A. Morra	(Reg. No. 28975)
Gregory J. Murgia	(Reg. No. 41209)
Claude R. Narcisse	(Reg. No. 38979)
Joseph J. Opalach	(Reg. No. 36229)
Neil R. Ormos	(Reg. No. 35309)
Jack R. Penrod	(Reg. No. 31864)
Gregory C. Ranieri	(Reg. No. 29695)
Eugene J. Rosenthal	(Reg. No. 36658)
Ronald D. Slusky	(Reg. No. 26585)
Ozer M. N. Teitelbaum	(Reg. No. 36698)
Charles L. Warren	(Reg. No. 27407)
Eli Weiss	(Reg. No. 17765)

I hereby appoint the attorney(s) on ATTACHMENT A as associate attorney(s) in the aforementioned application, with full power solely to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected with the prosecution of said application. No other powers are granted to such associate attorney(s) and such associate attorney(s) are specifically denied any power of substitution or revocation.

Full name of 1<sup>st</sup> joint inventor: Gardy Cadet

Inventor's signature *Gardy Cadet* Date 5/04/01

Residence: Orange, NJ, USA

Citizenship: USA

Post Office Address: 225 Austen Road, Orange, NJ 07050, USA

Full name of 2<sup>nd</sup> joint inventor: Thomas E. Stockert

Inventor's signature *Thomas E. Stockert* Date 5/02/01

Residence: Millburn, NJ, USA

Citizenship: USA

Post Office Address: 29 Norwood Terrace, Millburn, NJ 07041, USA

Full name of 3<sup>rd</sup> joint inventor: Victor M. Lubecke

Inventor's signature *Victor M. Lubecke* Date 5/3/01

Residence: New Providence, NJ, US

Citizenship: USA

Post Office Address: ~~48 Dunlap Street~~ <sup>VK</sup> New Providence, NJ 07974  
12 The Arbors

ATTACHMENT A

Attorney Name(s):

Reg. No.:

Austin R. Miller  
James A. Drobile  
T. Daniel Christenbury  
Guy T. Donatiello  
Paul A. Taufer  
Joan T. Kluger  
Michael A. Patane  
Robert A. McKinley  
Sharon Fenick  
Stewart Wiener  
Felicity Rowe  
Stephenie Yeung  
Frank A. Cona

Reg. No. 16,602  
Reg. No. 19,690  
Reg. No. 31,750  
Reg. No. 33,167  
Reg. No. 35,703  
Reg. No. 38,904  
Reg. No. 42,982  
Reg. No. 43,793  
Reg. No. 45,269  
Reg. No. 46,201  
Reg. No. 47,042  
Reg. No. 48,052  
Reg. No. 38,412

Telephone calls should be made to JOAN T. KLUGER at Schnader Harrison Segal & Lewis LLP:

Phone No.: (215) 751-2357

Fax No.: (215) 568-6946

All written communications are to be addressed to:

IP Department  
Schnader Harrison Segal & Lewis LLP  
1600 Market Street, Suite 3600  
Philadelphia, PA 19103